

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method for transmitting credit/charging information to a mobile station, the method comprising:
  - maintaining credit/charging information related to the subscriber of the mobile station in a network node;
  - detecting a call setup request, wherein the call setup request indicates a call chargeable to the subscriber of the mobile station but does not include said credit/charging information;
  - based on the call setup request, determining the credit/charging information maintained in the network node;
  - establishing the call;
  - detecting a termination of the call;
  - updating the credit/charging information maintained in the network node; and
  - sending said credit/charging information to the mobile station as a connectionless message in response to the detection of the call termination.
2. (Previously Presented) The method of claim 1, further comprising:
  - defining an upper limit for an accumulated price of telephone calls;
  - monitoring the accumulated price of telephone calls; and
  - allowing a new call only if the accumulated price of telephone calls is less than the upper limit.
3. (Previously Presented) The method of claim 1, wherein the connectionless message is a short message.
4. (Previously Presented) The method of claim 1, wherein the connectionless message is an Unstructured Supplementary Service Data message.

5. (Previously Presented) The method of claim 1, further comprising, releasing the call with sufficient delay to allow sending the connectionless message without paging the mobile station separately after detecting the termination of the call.

6. (Previously Presented) The method of claim 1, further comprising:  
requesting a Mobile Services Switching Centre to report the termination of the call from an Intelligent Network node;  
reporting the termination of the call from the Mobile Services Switching Centre; and  
determining and sending the credit/charging information to the mobile station.

7. (Previously Presented) The method of claim 1, further comprising:  
executing a Service Logic Program in a Service Logic Execution Environment to send the credit/charging information at a Service Control Point; and  
communicating with an external process through a gateway between services running inside the Service Logic Execution Environment and an external application,  
wherein the credit/charging information is sent using the gateway to the external application and subsequently to the mobile station.

8. (Previously Presented) An arrangement for transmitting credit/charging information to a mobile station in a mobile telecommunications network, wherein the arrangement is configured to:

maintain credit/charging information related to the subscriber of the mobile station in a network node;

detect a call setup request, wherein the call setup request indicates a call chargeable to the subscriber of the mobile station but does not include said credit/charging information;

based on the call setup request, determine the credit/charging information maintained in the network node;

establish the call;

detect a termination of the call; and

in response to said detection, send said credit/charging information to the mobile station as a connectionless message.

9. (Previously Presented) The arrangement of claim 8, comprising a Service Control Point of an Intelligent Network, the Service Control Point including a Service Logic Program configured to send the credit/charging information in response to detection of the call termination.

10. (Previously Presented) The arrangement of claim 9, further comprising a separate processor configured to format the credit/charging information.

11. (Previously Presented) The method of claim 1, wherein the arrangement is further configured to send to the mobile station a price of the call.

12. (Previously Presented) The method of claim 1, wherein the arrangement is further configured to send to the mobile station a lifetime of available credit.

13. (Previously Presented) The arrangement of claim 8, wherein the arrangement is further configured to send to the mobile station a price of the call.

14. (Previously Presented) The arrangement of claim 8, wherein the arrangement is further configured to send to the mobile station a lifetime of available credit.

15. (New) A method according to claim 1, wherein the credit/charging information is automatically displayed on a display of the mobile station.

16. (New) The arrangement of claim 8, further comprising:  
means for defining an upper limit for an accumulated price of telephone calls;  
means for monitoring the accumulated price of telephone calls; and  
means for allowing a new call only if the accumulated price of telephone calls is less than the upper limit.

17. (New) The arrangement of claim 8, further comprising means for releasing the call with sufficient delay to allow sending the connectionless message without paging the mobile station separately after detecting the termination of the call.

18. (New) The arrangement of claim 8, further comprising means for automatically displaying the credit/charging information on a display of the mobile station.

19. (New) The arrangement of claim 8, further comprising a mobile station which comprises:

means for receiving credit/charging information related to the mobile station's subscriber in a connectionless message from a network node; and

means for automatically displaying the credit/charging information on a display of the mobile station.

20. (New) A mobile station comprising:

means for detecting of a termination of a call chargeable to the mobile station's subscriber;

means for receiving credit/charging information related to the mobile station's subscriber in a connectionless message from a network node; and

means for automatically displaying the credit/charging information on a display of the mobile station.